

COFOCAL POINT LASER SCANNING MICROSCOPE FOR MOMENTARY VARIATION OF CHEMICAL REACTION IN CELL - HAS ULTRA VIOLET LASER AND EXCITATION LASER WHICH EMITS UV LASER BEAM AND EXCITATION LASER BEAM THAT **PENETRATES** THROUGH PREDETERMINED AREA OF MASK

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PATENT FAMILY

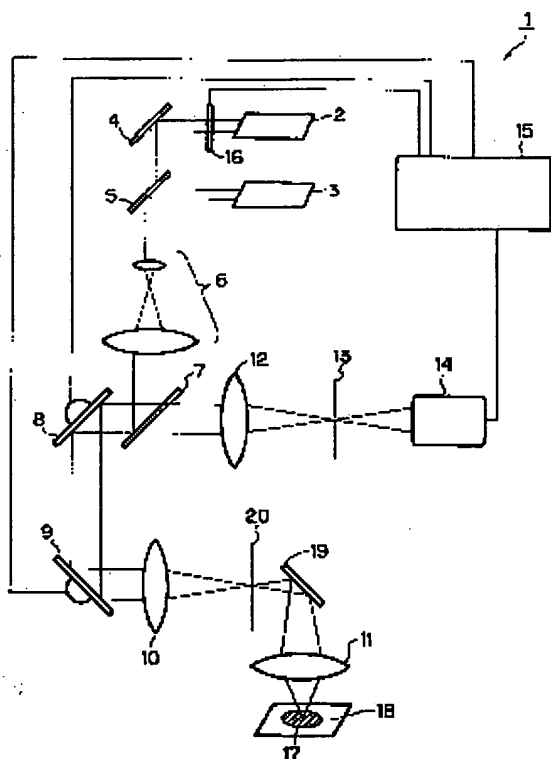
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Abstract: JP 09281397 A

The microscope has an UV laser (2) and an excitation laser whose beams are mixed to scan a specimen (18). A condenser lens (10) is arranged between a scanning unit (19) and an objective lens (11) to condense light through the focal plane.

A pin hole is provided in the focal plane of the objective lens. A mask (20) arranged between the condenser lens and the objective lens has an area (22) through which the laser beam **penetrates**.

ADVANTAGE - Forms cleavage, simply and correctly. Prevents damage to specimen.



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